JEM AF-1 DMX FAN – Operating Instructions

CONTENTS OF BOX

1 x Jem AF-1 DMX Fan (with fitted hanging bracket and mains cable)
1 x Jem AF-1 Hand-held auto-timer controller
1 x Operating Instruction Leaflet

SAFETY

Never place any object or part of your body into the path of the fan blade as this will result in serious injury and may cause permanent damage to the fan.

Always check the voltage is correct for use with this product. The recommended voltage is printed on the grey serial number label with is fixed to the case of the fan.

Do not remove the cover or either of the grills either during operation or for repair or while the fan is still connected to the mains supply Always contact an authorized Jem dealer in the event of a fault.

When installing the Jem AF-1, ensure that a suitable means of fixing is used. Please note that the slight vibration of the fan during operation may cause weak fixings to loosen. This product should only be installed by qualified personnel.

Do not use the fan if the mains lead or plug is damaged as you may risk electric shock.

MAINS LEAD WIRING INSTRUCTIONS

INSTRUCTIONS FOR USE

With the correct plug fitted to the mains lead (correct standard for country of use), connect to the mains supply.

For none DMX control connect the Hand-held auto-timer remote to the fan using the 3 pin XLR connector and the socket labelled "Remote In".

Press "Stand-By" On.

Select the desired fan speed on the control knob labelled "Speed". This can be selected between 1 and 9. (1 is minimum and 9 is maximum).

Press "Fan On". The Fan will now start to rotate at the pre-selected speed. Please note that the fan takes approximately 7seconds to accelerate to maximum speed.

To stop the fan, press the "Fan On" button again and the fan will come to a halt. Please note that it will take the blades of the fan approximately 15 seconds to come to a complete stand still.

AUTO TIMER

The Fan can bet set to operate for timed intervals by following the following procedure.

Decide on an operating period by setting the "Run" control knob between 1 and 9. (This is note calibrated in seconds).

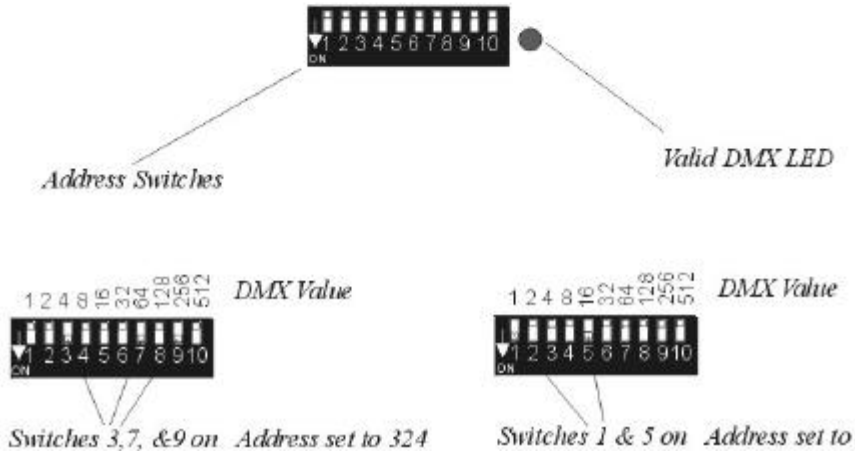
Decide on a delay period between each operating period by setting the "Delay" control knob between 1 and 9. (This is not calibrated in seconds).

To engage the time settings, press the "Timer On" button. Please note that the "Stand-by on" button must also be in the on position.

To extend these timer settings further, press "Timer X8" button. This will multiply the settings on the "Delay" and "Run" controls by 8.

AF-1 DMX INTERFACE

Using DMX 512

DMX 512 is an industry standard and the AF-1 is fitted with an interface. This gives the user the ability to link the fans into the lighting chain and control them from a single source. The AF-1 uses a single channel to fire and control the output level, the interface can be addressed from channel 1 up to channel 512. The address setting is done via a 10 way dip switch on the DMX interface. To address the channel simply switch on the required switches (on is down), there are some samples of different channel settings below.

The AF-1 is fitted with two XLR sockets for DMX, one is for DMX IN & one is for DMX OUT. This enables the AF-1 to be used in a chain. When there is valid DMX i.e. the XLR is connected and the desk is powered the small green LED will light. However if there is no address set the LED will not light and DMX will be disabled. The output is controllable, the higher the DMX value, the more output will be produced. A 'deadband' is arranged so that the DMX values 0 to 28 produce no output. Above this level, the output is proportional to the DMX value received.